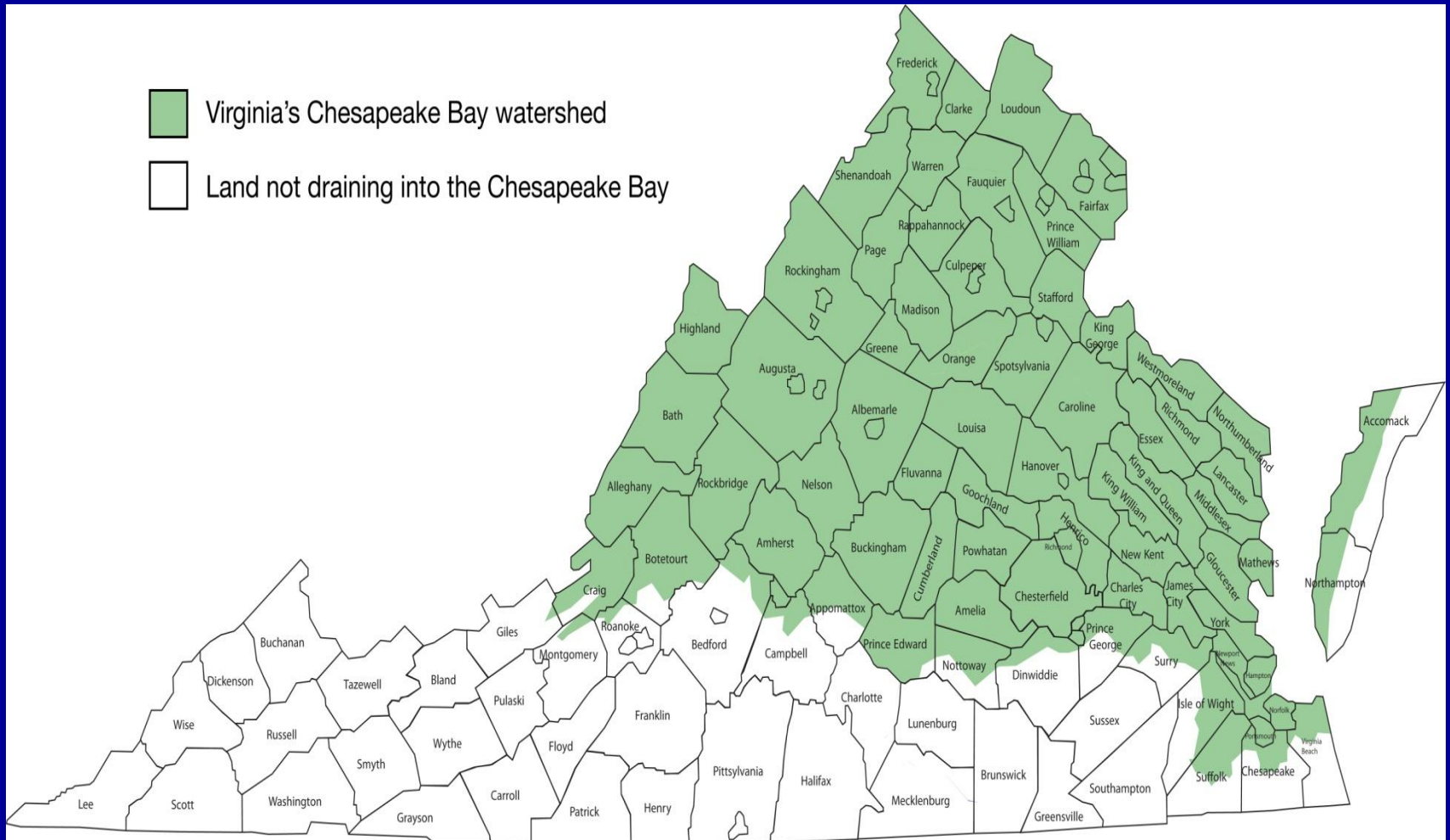




Virginia Chesapeake Bay TMDL Watershed Implementation Plans (WIP) – Phase II

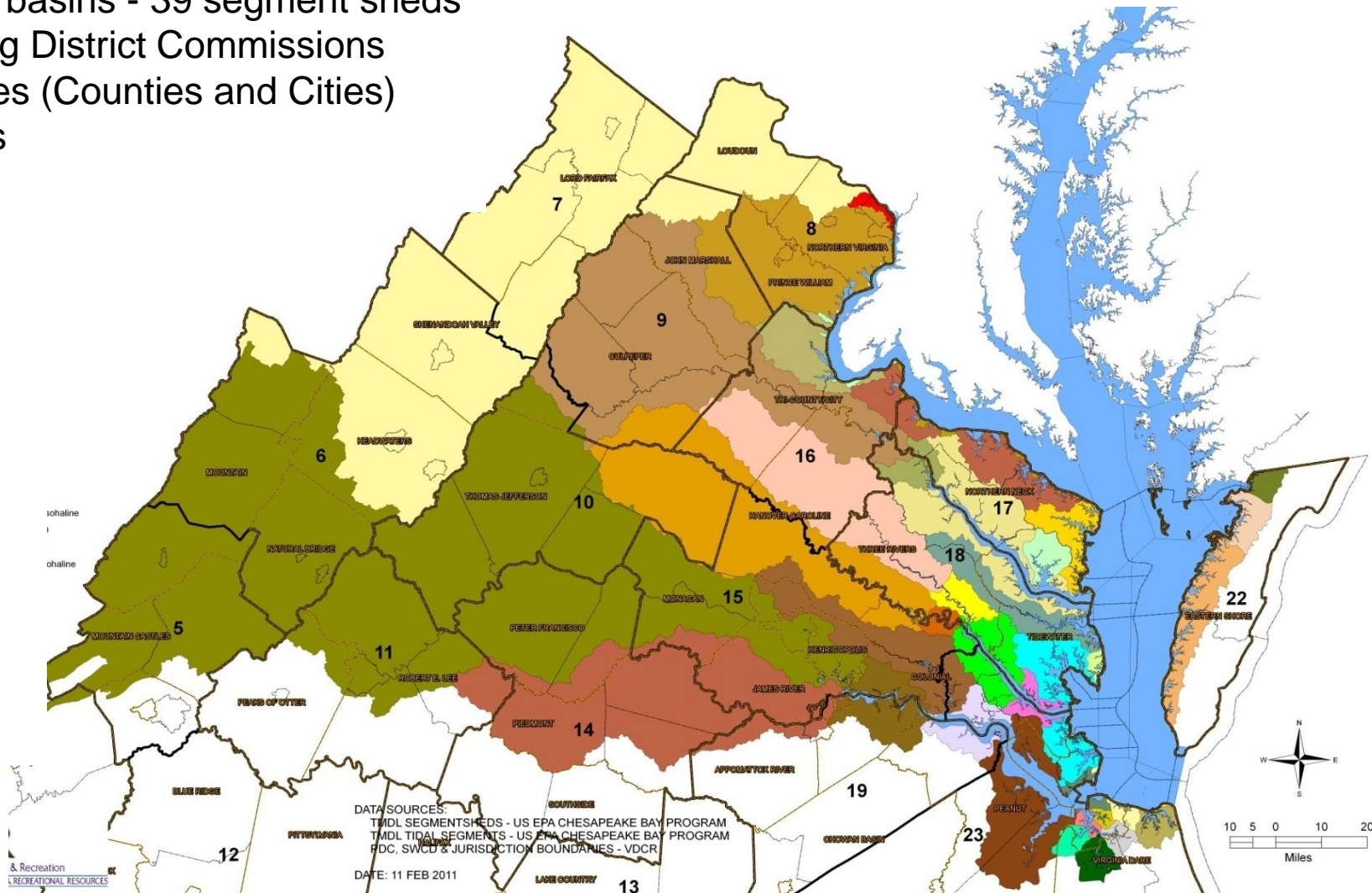
**Joan Salvati, DCR Chesapeake Bay
TMDL Phase II Lead**

Virginia' Chesapeake Bay Watershed



Scale of Implementation

Five Major basins - 39 segment sheds
16 Planning District Commissions
96 Localities (Counties and Cities)
32 SWCDs



Phase II Goals

- Further divide the 39 segment shed allocations (as identified in WIP I) to a more local scale
- Work with local elected officials, staff, soil & water conservation districts, stakeholder organizations and citizens to identify strategies to be implemented
- Provide additional detail on practices and strategies to be implemented by 2017
- Include updates resulting from revisions to the Bay Watershed Model
- Include specific programs and practices in the first 2-year milestone (2012-1213)

Phase II Project Elements

- Development of Local Reduction Goal for each of the 96 localities
- Local Engagement
- Local development of Community Conservation Information (CCI)
- Phase II WIP Development
- 2012/2013 Milestone Development

Virginia's Phase II Approach

Local Goal Load Development

- Utilize the Bay Model outputs to distribute the source-segment Bay TMDL allocations and WIP I BMPs to the local scale
 - Land Use / Land Cover
 - All source and segment loads aggregated to a single local goal for each pollutant
 - BMPs accounted for in the model
 - 2009 Progress BMPs
 - WIP I BMPs
 - BMPs scenario to meet Goal Load
- The local reduction goals and associated BMPs will be the starting point for localities to work from during the Phase II WIP development process
- Data will be revised upon EPA completion of the Phase 5.3.2 model (July/August)
- Absent any input from localities, these data will be used as the default values for the Phase II WIP

Local Engagement Process

- Secretary's Office presentations to 16 PDCs – 15 completed
- Follow-up discussions with PDCs to explore their interest in participating - initiated
- Meeting with PDC staff
 - More detail on Phase II process
 - Discuss of the Community Conservation Information
 - Discuss potential roles with PDCs
 - Technical
 - Facilitation
 - Neither/both
 - Ability/capacity/resources (available and needed)

Virginia's Phase II Approach

Local Engagement & Outreach Process (cont.)

- Meeting with PDCs, Localities, SWCDs and other stakeholders
 - Overview of Phase II process
 - Discussion of desired local deliverables
 - Current BMPs
 - Land Use / Land Cover
 - Strategies
 - Resource needs
 - Discussion of timeline
 - Provide local goals and model output data
 - Provide assessment tool for evaluation of scenarios
- Ongoing support and technical assistance

Virginia's Phase II Approach

Community Conservation Information

- Baseline Data
 - Goal loads and model outputs for localities
 - Locally available data (land use, BMPs on the ground, etc.)
- Resource Assessment
 - Local conditions
 - Incorporate local data into assessment tool
 - Source identification
- Existing Program Evaluation
- Conservation Strategies
 - 2017 Implementation goals
 - 2025 Strategies
- Identify additional resources and programs required to achieve implementation goals
 - Estimate costs of local implementation

Virginia's Phase II Approach

2012 – 2013 Milestone Development

- Evaluate Phase I WIP actions
- Evaluate 2011 milestone actions and contingencies
- Identify new State programs (Fertilizer control, Enhanced Nutrient Credit Exchange Program, etc.)
- Develop 2012-2013 Actions
- Identify additional resources required to achieve implementation goals
- Submit preliminary milestones to EPA (11/1/2011)
- Submit final milestones to EPA (1/03/2012)

Potential Role of PDC

- Technical
- Facilitation
- Neither/both
- Capacity/resources - available and needed

Project Schedule

- Draft Local Goals to Localities - 06/01/2011
- EPA Delivers Phase 5.3.2 Model – 07/1/2011
- Final Local Goals to Localities - 08/01/2011
- Local Conservation Strategies Finalized – 11/01/2011
- Preliminary 2012-2013 Milestones to EPA - 11/01/2011
- Draft Phase II WIP to EPA - 12/01/2011
- Final 2012-2013 Milestones to EPA - 01/03/2012
- Final Phase II WIP to EPA – 03/30/2012

How the PDC can help

- Assist local governments with collection of local land use and BMP data
- Evaluate model information related to loads, land uses, 2009 and 2025 BMP implementation level and compare to local data
- Work with localities identify additional BMPs and strategies to implement them

How the State can help

- Continued engagement and some technical assistance
- Provide “Assessment Tool”
- Pass through EPA contract assistance
- Possible grants

Questions?

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